

## **01. Identification of the substance / preparation and of the company**

|                                   |                                                                                                                                                    |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product:</b>                   | <b>A-silicones putty technic base / catalyst</b><br><i>Gammaasil perfect TEC A85 / TEC A85 rapid;</i><br><i>Gammaasil perfect TEC A95 / TEC 3D</i> |
| <b>Registration number:</b>       | not applicable                                                                                                                                     |
| <b>Use / Method of operation:</b> | see product information / instructions for use                                                                                                     |
| <b>Identified use:</b>            | Product for the dental technology                                                                                                                  |
| <b>Company:</b>                   | Müller-Omicron GmbH & Co. KG<br>Schlosserstraße 1<br>51789 Lindlar / GERMANY                                                                       |
| <b>Phone:</b>                     | 0049 (0) 2266-4742-0                                                                                                                               |
| <b>Fax:</b>                       | 0049 (0) 2266-3417                                                                                                                                 |
| <b>eMail:</b>                     | info@mueller-omicron.de                                                                                                                            |
| <b>Homepage:</b>                  | www.mueller-omicron.de                                                                                                                             |
| <b>Emergency phone:</b>           | 0049 (0) 2266-4742-0 (8:00 – 17:00)                                                                                                                |
| <b>Responsible:</b>               | vschr@omicron-dental.de                                                                                                                            |

## **02. Hazards identification**

|                                  |                             |
|----------------------------------|-----------------------------|
| <b>Physico-chemical hazards:</b> | No particular hazard known. |
| <b>Human health dangers:</b>     | No particular hazard known. |
| <b>Environmental hazards:</b>    | No particular hazard known. |
| <b>Other hazards:</b>            | none                        |
| <b>Hazard symbols :</b>          | none                        |
| <b>R-phrases:</b>                | none                        |

## **03. Composition / Information on ingredients**

|                               |                                                                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Two-part polyvinylsiloxane-based impression material for the dental technician, comprising a base-component and matching catalyst-component. |
| <b>Hazardous Ingredients:</b> | not applicable                                                                                                                               |

## **04. First aid measures**

|                             |                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------|
| <b>General information:</b> | none                                                                                                    |
| <b>Inhalation:</b>          | not applicable                                                                                          |
| <b>Skin contact:</b>        | When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists. |
| <b>Eye contact:</b>         | In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.             |
| <b>Ingestion:</b>           | Supply with medical care.<br>Rinse out mouth and give plenty of water to drink.                         |
| <b>Advice to doctor:</b>    | Treat symptomatically.                                                                                  |

## **05. Fire-fighting measures**

|                                                                                                          |                                                        |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>Suitable extinguishing media:</b>                                                                     | Dry powder. Foam. Carbon dioxide. Water spray jet.     |
| <b>Extinguishing media that must not be used:</b>                                                        | Full water jet.                                        |
| <b>Special exposure hazards arising from the substance or preparation itself or combustion products:</b> | Unknown risk of formation of toxic pyrolysis products. |

|                                                       |                                                                                                                   |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Special protective equipment for firefighters:</b> | Use self-contained breathing apparatus.                                                                           |
| <b>Additional information:</b>                        | Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations. |

## **06. Accidental release measures**

|                                   |                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------|
| <b>Personal precautions:</b>      | Forms slippery surfaces with water.                                                    |
| <b>Environmental precautions:</b> | Do not discharge into the drains / surface waters / groundwater.                       |
| <b>Methods for cleaning up:</b>   | Take up mechanically. Dispose of absorbed material in accordance with the regulations. |

## **07. Handling and storage**

|                                                         |                                                  |
|---------------------------------------------------------|--------------------------------------------------|
| <b>Advice on safe handling:</b>                         | No special measures necessary if used correctly. |
| <b>Advice on protection against fire and explosion:</b> | No special measures necessary.                   |
| <b>Requirements for storage rooms and vessels:</b>      | Keep only in original container.                 |
| <b>Advice on storage compatibility:</b>                 | No special measures necessary.                   |
| <b>Further information on storage conditions:</b>       | Keep container tightly closed.                   |

## **08. Exposure controls / personal protection**

|                                                                       |                                                                     |
|-----------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Additional advice on system design:</b>                            | not applicable                                                      |
| <b>Ingredients with occupational exposure limits to be monitored:</b> | not applicable                                                      |
| <b>Respiratory protection:</b>                                        | not applicable                                                      |
| <b>Hand protection:</b>                                               | butyl rubber, > 120 min (EN 374)                                    |
| <b>Eye protection:</b>                                                | not applicable                                                      |
| <b>Skin protection:</b>                                               | none                                                                |
| <b>General protective measures:</b>                                   | Avoid contact with eyes.                                            |
| <b>Hygiene measures:</b>                                              | Wash hands before breaks and after work.<br>Use barrier skin cream. |
| <b>Delimitation and monitoring of the environment exposition:</b>     | not determined                                                      |

## **09. Physical and chemical properties**

|                               |                                                       |                                   |                |
|-------------------------------|-------------------------------------------------------|-----------------------------------|----------------|
| <b>Appearance:</b>            | putty                                                 | <b>Density at 23°C [g/ml]:</b>    | approx. 1,8    |
| <b>Color:</b>                 | <b>Base:</b> different<br><b>Catalyst:</b> light grey | <b>Evaporation speed:</b>         | not determined |
| <b>Odor:</b>                  | characteristic                                        | <b>Vapour pressure [kPa]:</b>     | not determined |
| <b>pH-value:</b>              | neutral                                               | <b>Viscosity [mPas]:</b>          | not determined |
| <b>Boiling point [°C]:</b>    | not determined                                        | <b>Solubility in water:</b>       | immiscible     |
| <b>Flash point [°C]:</b>      | not determined                                        | <b>Oxidizing properties:</b>      | no             |
| <b>Flammability:</b>          | not determined                                        | <b>Melting point [°C]:</b>        | not determined |
| <b>Upper explosion limit:</b> | not applicable                                        | <b>Autoignition temperature:</b>  | not determined |
| <b>Lower explosion limit:</b> | not applicable                                        | <b>Decomposition temperature:</b> | not determined |

## **10. Stability and reactivity**

|                                          |                                            |
|------------------------------------------|--------------------------------------------|
| <b>Hazardous reactions:</b>              | No hazardous reactions known.              |
| <b>Hazardous decomposition products:</b> | No hazardous decomposition products known. |

## **11. Toxicological information**

|                                                     |                                                                                                                                 |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute toxicity oral / dermal / inhalational:</b> | not determined                                                                                                                  |
| <b>Irritant effect on eye:</b>                      | not determined                                                                                                                  |
| <b>Irritant effect on skin :</b>                    | not determined                                                                                                                  |
| <b>Sensitization:</b>                               | not determined                                                                                                                  |
| <b>Subacute / Chronic toxicity:</b>                 | not determined                                                                                                                  |
| <b>CMR-activity</b>                                 | not determined                                                                                                                  |
| <b>Experiences made in practice:</b>                | none.                                                                                                                           |
| <b>General remarks:</b>                             | Toxicological data are not available. No classification on the basis of the calculation procedure of the preparation directive. |

## **12. Ecological information**

|                                                            |                                                                                                                              |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Fish / Daphnia / Bacteria toxicity:</b>                 | not determined                                                                                                               |
| <b>Behaviour in environment compartments:</b>              | not determined                                                                                                               |
| <b>Behaviour in sewage plant:</b>                          | not determined                                                                                                               |
| <b>Biological degradability:</b>                           | not determined                                                                                                               |
| <b>Chemical (COD) / Biochemical (BOD 5) oxygen demand:</b> | not determined                                                                                                               |
| <b>AOX-advice:</b>                                         | No dangerous components.                                                                                                     |
| <b>2006/11/EC:</b>                                         | not determined                                                                                                               |
| <b>General information:</b>                                | Ecological data are not available. No classification on the basis of the calculation procedure of the preparation directive. |

## **13. Disposal considerations**

|                                 |                                                                                                                                |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Product:</b>                 | For recycling, consult manufacturer.<br>Coordinate disposal with the authorities if necessary.                                 |
| <b>Contaminated packaging:</b>  | Uncontaminated packaging may be taken for recycling.<br>Packaging that cannot be cleaned should be disposed of as for product. |
| <b>Waste no. (recommended):</b> | 070799                                                                                                                         |

## **14. Transport information**

### **Classification according to ADR:**

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| <b>Classification according to ADR:</b> | no dangerous goods                              |
| <b>- Classification Code:</b>           | -                                               |
| <b>- Label:</b>                         | -                                               |
| <b>- ADR LQ</b>                         | -                                               |
| <b>- ADR 1.1.3.6 (8.6):</b>             | Transport category (tunnel restriction code): - |

### **Classification according to IMDG:**

|                                          |                                       |
|------------------------------------------|---------------------------------------|
| <b>Classification according to IMDG:</b> | not classified as « Dangerous Goods » |
| <b>- EMS:</b>                            | -                                     |

|                 |   |
|-----------------|---|
| <b>- Label:</b> | - |
| <b>IMDG LQ:</b> | - |

**Classification according to IATA:**

|                                          |                                       |
|------------------------------------------|---------------------------------------|
| <b>Classification according to IATA:</b> | not classified as « Dangerous Goods » |
| <b>- Label:</b>                          | -                                     |

**15. Regulatory information**

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Exposure scenario:</b>        | not determined                                                                                    |
| <b>Chemical safety report:</b>   | not determined                                                                                    |
| <b>Labelling:</b>                | The product does not require a hazard warning label in accordance with EC-directives.             |
| <b>Hazard symbols:</b>           | none                                                                                              |
| <b>R-phrases:</b>                | none                                                                                              |
| <b>S-phrases:</b>                | none                                                                                              |
| <b>Special labelling:</b>        | Safety data sheet available for professional user on request.                                     |
| <b>Authorisation, TITEL VII:</b> | not applicable                                                                                    |
| <b>Restrictions, TITEL VIII:</b> | not applicable                                                                                    |
| <b>EEC-REGULATIONS:</b>          | 1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006. |
| <b>TRANSPORT- REGULATIONS:</b>   | DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2009).                           |
| <b>NATIONAL REGULATIONS:</b>     | EH40/2005 Workplace exposure limits with amendments October 2007                                  |

**16. Other informations**

|                                                    |                |
|----------------------------------------------------|----------------|
| <b>R-phrases (Chapter 03):</b>                     | not applicable |
| <b>Observe employment restrictions for people:</b> | not applicable |
| <b>VOC (1999/13/CE):</b>                           | not determined |
| <b>Customs tariff:</b>                             | not determined |

Disclaimer: This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.